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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Jeyhan Karaoguz

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EXAMINER

EBRAHIMI DEHKORDY, SAEID

ART UNIT

PAPER NUMBER

2626

DATE MAILED: 01/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/675,752	KARAOGUZ ET AL.	
	Examiner	Art Unit	
	Saeid Ebrahimi-dehKordy	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. Applicant's arguments filed 10/31/05 have been fully considered but they are not persuasive. Applicant argues on claim 1 that the limitation of at least one communication device deployed in at least one location is not disclosed by the prior art. Examiner disagrees and points out that the claimed invention as drafted does not specify the deployment of the device and one of ordinary skill in the art would see the deployment of the device as described by Gacek. Applicant also mentions the print server software which resides on within a media processing system not being disclosed by Gacek. Examiner disagrees and points out that in light of specification the server software is for the purpose of spooling the print jobs and directing them to the printer. Examiner points out that the Fig.2 and specifically Fig.3 item 6, CHE which is being used and interpreted as the server of routing the print job, has in fact contain item 313 the CPSI SPOOLER which in this case acts as the print server software for spooling the print jobs, column 7 lines 45-67 and column 8 lines 1-6 and again on column 9 lines 49-56 where the communication for the television is transmitted through. Regarding the arguments on claim 12 the Examiner's explanation withstand for the argument regarding the deployment of the first device and as for the second device being deployed, note Fig.3 item 333 the printer which is being deployed to the house. Regarding claim 19 the first communication device would be any of the devices in either items 330 or 320 which are connected through the internet and the device 306 of the Fig.3, also applicant argues that Parry only discloses: searching only through the stored video information and note through "a plurality of video frames on the communication network, Examiner disagrees and points out, page 2 paragraph 0023 where the video frames would be received by the printer 118 from the network, such as internet, from the computer or

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video camera. Regarding claim 26, as applicant argues the deficiencies of Gacek not disclosing the “calling up printer resources available on the communication network” Examiner disagrees and points out the on column 7 lines 47-55 and specifically lines 52-55 where the printing resources of the home users are called up through the digital cable network, also the limitation of “selecting printer resources from the available printer resources using the communication device” is clearly is taught by Gacek on column 8 lines 13-18 where for example the printer driver “the resource” is retrieved form the box 10 to assist printing job.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claim 1-18 rejected under 35 U.S.C. 102(e) as being anticipated by Gacek (U.S. Patent 6,795,205)

Regarding claim 1 Gacek discloses: A system providing printer resource sharing in a communication network (note Fig.1 the way the printing resources are distributed in the different houses through the different networks such as DSL, Wireless, Digital satellite network, column 5 lines 46-67 and column 6 lines 1-15) comprising: at least one communication device deployed in at least one location (note Fig.1 items 102 and 103 where the different devices are deployed in remote places, column 6 lines 54-60) a communication network (note Fig.1 any of the networks 101,106, 107, 125, 105 and 107

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which communicate with the different houses and devices with in the houses column 5 lines 65-67 and column 6 lines 1-15) communicatively coupled to the at least one communication device (note Fig.1 any of the networks 106, 107, 125, 105 and 107 which communicate with the 3rd party merchants and different houses and devices with in the houses like set top boxes, column 6 lines 27-60) print server software (note Fig.2 item 6 the CHE which acts as the print server by routing and managing the resources of the printers, column 7 lines 22-67 and column 8 lines 1-20) that receives from the at least one communication device via the communication network a request for printing of information content and that responds by coordinating the printing of the information content (note column 7 lines 22-34 where the 3rd party is requesting to print document through the CHE or print server to be printed on the local printer on the user home) and at least one personal printer resource (note column 7 lines 47-55 where the CHE the print server is this case stores the preferences or each print resource of the private printer in the preferences directory 21) communicatively coupled to the at least one communication device (note column 7 lines 46-67 and column 8 lines 1-12 where the 3rd party is coupled with the CHE to transmit print data to the private printer of the user) wherein the print server software resides outside of the at least one personal printer resource (note Fig.2, CHE and where the resource directory is located outside of the private printer area) wherein the at least one personal printer resource is accessed for printing by at least one communication device via the communication network (note again column 7 lines 49-55 where the resource being used is stored for the specific printer on the preference directory 21 of Fig.2) wherein the print server software resides

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within a media processing system (MPS), and wherein the MPS processes at least one of the following: (TV) signal and radio signal received via communication network (Examiner points out that the Fig.2 and specifically Fig.3 item 6, CHE which is being used and interpreted as the server of routing the print job, has in fact contain item 313 the CPSI SPOOLER which in this case acts as the print server software for spooling the print jobs, column 7 lines 45-67 and column 8 lines 1-6 and again on column 9 lines 49-56 where the communication for the television is transmitted through)

Regarding claim 2 Gacek discloses: The system according to claim 1, wherein the communication network comprises at least one of a broadband access headend, a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, a closed communication infrastructure, a local area network, and a wireless infrastructure (note Fig.1 items 106 the DSL network, 105 the digital cable network, and 125 the digital satellite network are used to communicate between the devices, column 5 lines 60-67 and column 6 lines 1-15).

Regarding claim 3 Gacek discloses: The system according to claim 1, wherein the communication network comprises a local area network (note Fig.1 items 112 to 121 where these houses are each is the local area network comprising a TV or computer and local printers and the set top boxes, column 6 lines 30-60).

Regarding claim 4 Gacek discloses: The system according to claim 3, wherein the communication network comprises at least one of an Ethernet and an 802.11b wireless network (note Fig.1 item 107 where the wireless network is used to communicate with

the devices, column 6 lines 7-12).

Regarding claim 5 Gacek discloses: The system according to claim 1, wherein the information content comprises at least one of the following: third party media content, digital video, digital images, digital audio, documents, files, broadcast television programs, radio channels, news programming, sporting events programming, special programming, and on-demand movies (note column 5 lines 46-64).

Regarding claim 6 Gacek discloses: The system according to claim 1, wherein the information content format comprises at least one of the following: an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, an H.323 video format, a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format (note column 5 lines 46-55).

Regarding claim 7 Gacek discloses: The system according to claim 1, further comprising: a media exchange server communicatively coupled to the communication network, wherein the media exchange server provides functionality related to at least one of the following: printer resource registration, media transcoding, billing for information content-related services, payment for information-content related services, information content management communication device registration, and information content security (note column 13 lines 4-30 where the payment is arranged through the CHE)

Regarding claim 8 Gacek discloses: The system according to claim 1, further comprising: a printer service server communicatively coupled to the communication

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network (note column Fig.2 item 6 the CHE which is coupled to the network communication and home devices) and at least one network printer resource communicatively coupled to the communication network via the printer service server and via the print server software the print server software residing on the at least one network printer resource (note column 7 lines 54-60)

Regarding claim 9 Gacek discloses: The system according to claim 8, wherein the printer service server provides functionality related to at least one of communication device authorization, billing for information content-related services, buffering of print jobs received from the communication network, and delivering print jobs to the at least one network printer resource (note column 13 lines 4-30 where the payment is arranged through the CHE)

Regarding claim 10 Gacek discloses: The system according to claim 1, further comprising: at least one storage device communicatively coupled to the communication network (note Fig.2 item 6 and items 20 the CPSI spooler for storing the data in CHE coupled to the network).

Regarding claim 11 Gacek discloses: The system according to claim 10, wherein the storage device comprises at least one of the following: a hard disk drive, a DVD player, a CD player, a floppy disk drive, a RAM, a memory stick, a PCMCIA card, and a compact flash card (note column 11 lines 7-11).

Regarding claim 12 Gacek discloses: A system providing printer resource sharing in a communication network comprising: a first communication device deployed at a first location (note Fig.1 item 102 the 3rd merchant party) a second communication device

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deployed at a second location (note Fig.1 item 105 the digital cable network) a communication network (note Fig.1 item 101 the internet) communicatively coupled to the first location and the second location (note Fig.1 items 102 and 105 and internet 101 coupled together) information content residing on the first communication device (note column 7 lines 23-27)

a print server software residing on the second communication device (note Fig.2 item 6 the CHE where this item acts as a print server, column 7 lines 47-67 and column 8 lines 1-20) and coordinating the printing of the information content (note column 8 lines 1-20 and column 6 lines 28-60) and a personal printer resource communicatively coupled to the communication network (note Fig.2 item 21 the preference directory 21 which stores the personal printer's 12 preferences, column 7 lines 49-55) wherein the first communication device performs at least one of the following: pushing the information content to the second communication device and printing the information content on the personal printer resource (note column 7 lines 1-46).

Regarding claim 13 Gacek discloses: The system according to claim 12, wherein the second communication device is adapted to accept or to reject a request for printing on the personal printer resource, the request being received via the communication network (note column 7 lines 23-34).

Regarding claim 14 Gacek discloses: The system according to claim 12, wherein the communication network comprises at least one of a broadband access headend, a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure,

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a closed communication infrastructure, a local area network, and a wireless infrastructure (note Fig.1 items 106 the DSL network, 105 the digital cable network, and 125 the digital satellite network are used to communicate between the devices, column 5 lines 60-67 and column 6 lines 1-15).

Regarding claim 15 Gacek discloses: The system according to claim 12, wherein the communication network comprises a local area network (note Fig.1 items 112 to 121 where these houses are each is the local area network comprising a TV or computer and local printers and the set top boxes, column 6 lines 30-60).

Regarding claim 16 Gacek discloses: The system according to claim 15, wherein the communication network comprises at least one of the following: an Ethernet and an 802.11b wireless network (note Fig.1 item 107 where the wireless network is used to communicate with the devices, column 6 lines 7-12).

Regarding claim 17 Gacek discloses: The system according to claim 12, wherein the information content comprises at least one of the following third party media content, digital video, digital images, digital audio, documents, files, broadcast television programs, radio channels, news programming, sporting events programming, special programming, and on-demand movies (note column 5 lines 46-64).

Regarding claim 18 Gacek discloses: The system according to claim 12, wherein the information content format comprises at least one of the following: an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, an H.323 video format, a JPEG image format, a TIFF image format,

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a bit map image format, a GIF image format, and a PCX image format (note column 5 lines 46-55).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claim 19-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Parry (Pub. No.: US 20020135808)

Regarding claim 19 Parry disclose: A method for printing images, comprising: (a) searching through a plurality of video frames on a communication network via a first (the first communication device would be any of the devices in either items 330 or 320 which are connected through the internet and the device 306 of the Fig.3) communication device (note page 2, paragraph 0025 lines 1-4 where the search executed to determine the specific video) at a first location the first communication device (the first communication device would be any of the devices in either items 330 or 320 which are connected through the internet and the device 306 of the Fig.3) being communicatively coupled to at least a second communication device at a second location via the communication network (note page 2 paragraph 0023 lines 9-11) (b) selecting a video frame of the plurality of video frames using the communication device (note page 2 paragraph 0025 where a video frame is selected among the plurality of frames) (c) transcoding the selected video frame using

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the first communication device to obtain a single image frame (note page 2 paragraph 0025 lines 6-10) and (d) printing the single image frame from the first communication device on at least one network printer resource the at least one network printer resource being communicatively coupled to the first communication device via the communication network (note page 2 paragraphs 0023-0025).

Regarding claim 20 Parry discloses: The method according to claim 19, further comprising: (e) printing the single image frame from the first communication device on a personal printer resource the personal printer resource being communicatively coupled to the second communication device via a print server software residing on the first communication device (note page 2 paragraphs 0023-0025).

Regarding claim 21 Parry discloses: The method according to claim 20, wherein the printing on the personal printer resource may be accepted or may be rejected via the first communication device (note page 3 paragraph 0028-0029).

Regarding claim 22 Parry discloses: The method according to claim 19, wherein the selected video frame is transcoded from at least one of the following: an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, and an H.323 video format (note page 2 paragraph 0026).

Regarding claim 23 Parry discloses: The method according to claim 19, wherein the selected video frame is transcoded to at least one of the following: a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format (note page 2 paragraph 0025).

Regarding claim 24 Parry discloses: The method according to claim 20, wherein

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selecting the video frame comprises selecting a set of video frames (note page 2 paragraph 0023).

Regarding claim 25 Parry discloses: The method according to claim 20, wherein the transcoding of the selected video frame comprises transcoding of a set of video frames to obtain a single image frame (note page 2 paragraph 0025).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parry (Pub. No.: US 20020135808) in view of Gacek (U.S. Patent 6,795,205).

Regarding claim 26 Parry discloses: A method for managing a printer resource, comprising: (a) selecting or generating an image frame on a communication device (note page 2, paragraph 0025 lines 1-4 where the search executed to determine the specific video) the communication device being communicatively coupled to the communication network (note page 2 paragraph 0023 lines 9-11) and (f) printing the image frame on the accepted printer resource (note page 2 paragraphs 0023-0025). However Parry does not quite disclose: (b) calling up printer resources available on the communication network using the communication device; (c) selecting a printer resource from the available printer resources using the communication device; (d) viewing printing parameters of the selected printer resource using the communication

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device; (e) accepting the printer resource and the printing parameters using the communication device. On the other hand Gacek discloses: (b) calling up printer resources available on the communication network using the communication device (note column 7 lines 47-55) (c) selecting a printer resource from the available printer resources using the communication device (note column 7 lines 52-54) (d) viewing printing parameters of the selected printer resource using the communication device (note column 8 lines 13-18) (e) accepting the printer resource and the printing parameters using the communication device (note column 7 lines 50-55). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Parry's invention according to the teaching of Gacek , where Gacek in the same filed of endeavor teaches the way preferences and parameters are determined through the print server for the purpose of detecting the user's printer capabilities.

Regarding claim 27 Gacek discloses: The method according to claim 26, wherein the printer resource comprises a personal printer resource that is communicatively coupled to the communication network via a print server software (note column 7 lines 47-65).

Regarding claim 28 Gacek discloses: The method according to claim 26, wherein the printing parameters comprise at least one of a cost of using the printer resource, a print size, a printing font, and a type of printing color (note column 13 lines 4-30 where the payment is arranged through the CHE).

Conclusion

2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Or faxed to:

(571) 273-8300, (for **formal** communications; please mark
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Or:

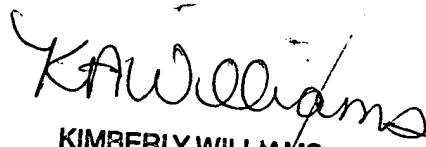
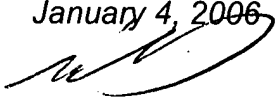
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(703) 306-5406 (for *informal* or *draft* communications, please label
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Hand delivered responses should be brought to Knox building on 501 Dulany
Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be
directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
Group Art Unit 2626
January 4, 2006



KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER